

For Research Use Only

ABCA1 Recombinant monoclonal antibody, PBS Only (Capture)

Catalog Number: 85434-4-PBS



Basic Information

Catalog Number: 85434-4-PBS	GenBank Accession Number: BC146856	Purification Method: Protein A purification
Size: 100ug , Concentration: 1 mg/ml by Nanodrop;	GeneID (NCBI): 19	CloneNo.: 261086A9
Source: Rabbit	UNIPROT ID: O95477	
Isotype: IgG	Full Name: ATP-binding cassette, sub-family A (ABC1), member 1	
Immunogen Catalog Number: AG37398		

Applications

Tested Applications:
Sandwich ELISA, Indirect ELISA

Species Specificity:
human

Product Information

85434-4-PBS targets ABCA1 as part of a matched antibody pair:

MP01937-2: 85434-4-PBS capture and 85434-3-PBS detection (validated in Sandwich ELISA)

Unconjugated rabbit recombinant monoclonal antibody in PBS only (BSA and azide free) storage buffer at a concentration of 1 mg/mL, ready for conjugation. Created using Proteintech's proprietary in-house recombinant technology. Recombinant production enables unrivalled batch-to-batch consistency, easy scale-up, and future security of supply.

This conjugation ready format makes antibodies ideal for use in many applications including: ELISAs, multiplex assays requiring matched pairs, mass cytometry, and multiplex imaging applications. Antibody use should be optimized by the end user for each application and assay.

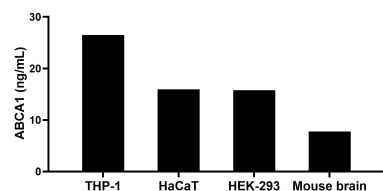
Storage

Storage:
Store at -80°C.
Storage Buffer:
PBS only, pH7.3

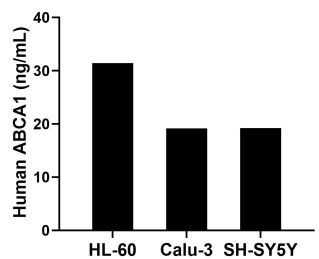
For technical support and original validation data for this product please contact:
T: 1 (888) 4PTGLAB (1-888-478-4522) (toll free in USA), or 1(312) 455-8498 (outside USA)
E: proteintech@ptglab.com
W: ptglab.com

This product is exclusively available under Proteintech Group brand and is not available to purchase from any other manufacturer.

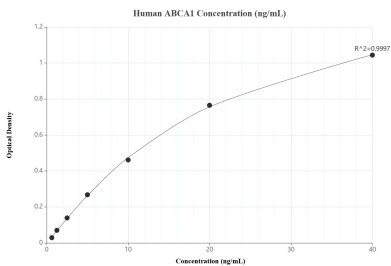
Selected Validation Data



The mean ABCA1 concentration was determined to be 26.47 ng/mL in THP-1 cell extract based on a 1.20 mg/mL extract load, 15.96 ng/mL in HaCaT cell extract based on a 1.20 mg/mL extract load, 15.79 ng/mL in HEK-293 cell extract based on a 1.20 mg/mL extract load and 7.79 ng/mL in mouse brain extract based on a 1.20 mg/mL extract load.



The mean ABCA1 concentration was determined to be 31.41 ng/mL in HL-60 cell extract based on a 1.20 mg/mL extract load, 19.14 ng/mL in Calu-3 cell extract based on a 1.20 mg/mL extract load and 19.22 ng/mL in SH-SY5Y cell extract based on a 1.20 mg/mL extract load.



Sandwich ELISA standard curve of MP01937-2, Human ABCA1 Recombinant Matched Antibody Pair - PBS only. 85434-4-PBS was coated to a plate as the capture antibody and incubated with serial dilutions of standard Ag37398. 85434-3-PBS was HRP conjugated as the detection antibody. Range: 0.625-40 ng/mL.